Institutional Student Learning Outcomes   **Mathematics Program**

Hagerstown Community College students will be prepared to:

Learning Outcomes	Demonstrated By	Related Activity Examples

1. Demonstrate personal and social responsibility by practicing responsible citizenship, being open to new ideas, and experiencing cultural diversity	Civic Engagement
	Financial responsibility
	Collaboration/teamwork
	Ethical reasoning and action
	Humanitarianism,
	Involvement in campus life
	Healthy Lifestyle
		Follow the Code of Student Conduct from the Student Handbook, including academic integrity
		
		Complete required Humanities and Diversity requirement for the degree program
		
		Seek financial assistance through scholarships
		
		Seek program related employment including
		    Math tutoring on campus
		    IT jobs on campus

2. Practice intellectual and practical skills such as critical and independent thinking, effective communication, and knowledge acquisition and application	Academic success
	Involvement in campus life
	Integration of digital resources
	    into learning
	    experiences
	Information Literacy
		Completion of Mathematics program
		
		Completion of group work
		
		Completion of independent extensions of in-class activities
		
		Use of Technology
		    MATLAB
		    Moodle
		    Math Free Ware
		
		Participate in the STEM Club
		
		Participate in regional math competition

3. Demonstrate self-direction, persistence and lifelong learning	Develop/achieve college goals
	Application of knowledge, skills, and responsibilities to future situations
		Select Mathematics Discipline
		
		Complete required rigorous 200 level math courses
		
		Use college resources for program planning
		    Web Advisor
		    Faculty Advisor
		
		Transfer to upper division program
		    Plan four-year degree program
		    Complete transfer plan